

IN THE CLAIMS

The claims are not amended - they are reproduced here for the Examiner's convenience:

Claim 1 (Previously Presented): A process for the manufacture of 1,2-epoxy-3-chloropropane, comprising reacting allyl chloride and hydrogen peroxide in the presence of a zeolite catalyst and in the optional presence of at least one solvent, wherein the allyl chloride comprises less than 2000 ppm by weight of 1,5-hexadiene.

Claim 2 (Previously Presented): The process according to Claim 1, wherein the allyl chloride comprises less than 1000 ppm by weight of 1,5-hexadiene.

Claim 3 (Previously Presented): The process according to Claim 2, wherein the allyl chloride comprises less than 200 ppm by weight of 1,5-hexadiene.

Claim 4 (Previously Presented): The process according to claim 1, wherein the reaction is carried out at a temperature from 45 to 80°C.

Claim 5 (Previously Presented): The process according to claim 1, wherein the reaction is carried out at a pH maintained at a value from 3 to 4.5.

Claim 6 (Previously Presented): The process according to claim 1, wherein the amounts of allyl chloride and hydrogen peroxide are such that their molar ratio is from 2 to 7.

Claim 7 (Previously Presented): The process according to claim 1, comprising reacting allyl chloride and hydrogen peroxide in the presence of a zeolite catalyst and in the presence of at least one solvent, wherein the solvent comprises methanol.

Claim 8 (Previously Presented): The process according to claim 1, wherein the zeolite catalyst comprises TS-1.

Claim 9 (Previously Presented): The process according to claim 1, wherein the catalyst is present in the form of a fluid bed.

Claim 10 (Previously Presented): The process according to claim 1, wherein the reaction is carried out in a loop reactor comprising recirculation of the reaction medium.

Claim 11 (Previously Presented): The process according to claim 1, comprising reacting allyl chloride and hydrogen peroxide in the presence of a zeolite catalyst and not in the presence of at least one solvent.

Claim 12 (Previously Presented): The process according to claim 1, comprising reacting allyl chloride and hydrogen peroxide in the presence of a zeolite catalyst and in the presence of at least one solvent.

Claim 13 (Previously Presented): The process according to claim 12, wherein said at least one solvent comprises at least one C₁-C₅ alcohol.

Claim 14 (Previously Presented): The process according to claim 1, wherein the zeolite catalyst comprises ZSM-5.

Claim 15 (Previously Presented): The process according to claim 1, wherein the zeolite catalyst comprises ZSM-11.

Claim 16 (Previously Presented): The process according to claim 1, wherein the zeolite catalyst comprises MCM-41.